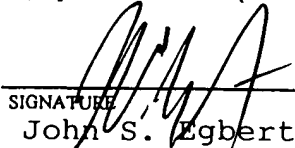


FORM PTO-1390 (REV. 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 1811-60	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>					
INTERNATIONAL APPLICATION NO. PCT/FR03/002358		INTERNATIONAL FILING DATE 25 July 2003		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/521922</b>	
TITLE OF INVENTION SPECIFIC ISOTYPE ANTIBODIES OF ANTI-ANTIGENS OF LEISHMANIA SP, etc...		PRIORITY DATE CLAIMED 26 July 2002			
APPLICANT(S) FOR DO/EO/US PAPIEROK, Gerard; VICENS, Serge; LEMESRE, Jean-Loup					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (will follow) 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
<b>Items 11 to 20 below concern document(s) or information included:</b>					
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information:					

U.S. APPLICATION NO. <b>10/521922</b>		INTERNATIONAL APPLICATION NO. PCT/FRO3/002358		ATTORNEY'S DOCKET NUMBER 1811-60			
<b>21. <input checked="" type="checkbox"/> The following fees are submitted: See also Fee</b> <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Transmittal for</b> Neither international preliminary examination fee (37 CFR 1.482) FY 2004 nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$1080.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>          <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;"><b>\$ 1000</b></td> <td style="width: 50%;"></td> </tr> </table>		<b>\$ 1000</b>	
<b>\$ 1000</b>							
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$			
Total claims	9 - 20 =		x \$18.00	\$			
Independent claims	1 - 3 =		x \$86.00	\$			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$			
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1000			
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 500			
<b>SUBTOTAL =</b>				\$			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$			
<b>TOTAL NATIONAL FEE =</b>				\$ 500			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$			
<b>TOTAL FEES ENCLOSED =</b>				\$ 500			
				Amount to be refunded:	\$		
				charged:	\$		
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.  b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 080879. A duplicate copy of this sheet is enclosed.  d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDENCE TO: Customer No. 24106 Harrison & Egbert 412 Main St., 7th Floor Houston, Texas 77002 US							
				SIGNATURE  John S. Egbert			
				NAME 30627			
				REGISTRATION NUMBER			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: PAPIEROK, Gérard; VICENS, Serge; LEMESRE, Jean-Loup

SERIAL NO.: (International Serial No. PCT/FR03/002358)

FILED: Herewith (International Filing Date: 25 July 2003)

TITLE: SPECIFIC ISOTYPE ANTIBODIES OF SECRETION-EXCRETION ANTI-ANTIGENS OF *LEISHMANIA SP* OF PROMASTIGOTE OR AMASTIGOTE FORMS USED AS PROTECTION, RESISTANCE AND CURING MARKERS OF MAMMALS TO LEISHMANIASES AND TO INTRACELLULAR PATHOGENIC MICRO-ORGANISM INFECTIONS, AND AS IMMUNOTHERAPEUTIC EFFECTORS

APPLICATION DATA SHEET UNDER 37 C.F.R. § 1.76

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

BIBLIOGRAPHIC DATA

1. Applicant Information (SMALL ENTITY)

Applicant: Gérard PAPIEROK  
Citizenship: France  
Residence: Résidence Le Palais d' Orchidée, Le Doritis - Ap.D51  
43 Bis rue du Soldat Ferrari  
F-83400 Hyères FRANCE

Applicant: Serge VICENS  
Citizenship: France  
Residence: 15, Allée du Collet de Lèbre  
F-13180 Gignac la Nerthe FRANCE

Applicant: Jean-Loup LEMESRE  
Citizenship: France  
Residence: 138, avenue de Lodève, Bât. 6-D1  
Résidence Beausoleil  
F-34000 Montpellier FRANCE

2. Correspondence Information

Name: John S. Egbert

Address: Harrison & Egbert  
412 Main Street, 7<sup>th</sup> Floor  
Houston, Texas 77002 USA

### 3. Application Information

Title: SPECIFIC ISOTYPE ANTIBODIES OF SECRETION-EXCRETION ANTI-ANTIGENS OF *LEISHMANIA SP* OF PROMASTIGOTE OR AMASTIGOTE FORMS USED AS PROTECTION, RESISTANCE AND CURING MARKERS OF MAMMALS TO LEISHMANIASES AND TO INTRACELLULAR PATHOGENIC MICRO-ORGANISM INFECTIONS, AND AS IMMUNOTHERAPEUTIC EFFECTORS

Docket No.: 1811-60

Total Number of Drawings Sheets: 0

Type of Application:

X Utility

X application to be published

suggested drawing figure for publication: \_\_\_\_

\_\_\_\_ application is not to be published.

\_\_\_\_ Design

Secrecy order under § 5.2:

This application

X does not disclose

\_\_\_\_ discloses a significant part of the  
subject matter of an application which is under a secrecy order  
pursuant to § 5.2.

### 4. Representative Information

The following have a power of attorney or authorization of agent in this application:

Name: John S. Egbert, Reg. No. 30,627

Andrew W. Chu, Reg. No. 46,625

Address: Harrison & Egbert, 412 Main Street, 7<sup>th</sup> Floor, Houston, Texas 77002 USA

Customer No.: 24106

### 5. Domestic Priority Information

Domestic priority for this application is claimed as follows:

35 U.S.C. §365(c) [national stage priority]  
Appn No.: PCT/FR03/002358  
Filed: 25 July 2003  
Status: entering Chapter I of the PCT  
Relationship: national stage priority  
Published as WO 04/011500

6. Foreign Priority Information

Foreign priority is claimed for this application as follows:

Country: France  
Appn No.: 02/09506  
Filing Date: 26 July 2002  
Status:

7. Assignee information

The Assignee of this application is:

Name: BIO VETO TESTS, en abrégé BVT (SAS)  
Address: 285, avenue de Rome - Parc d'Activité Les Playes  
Jean Monnet Sud  
F-83500 La Seyne Sur Mer FRANCE  
Extent of interest of Assignee in application: 100

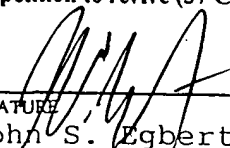
Respectfully submitted,

\_\_\_\_\_  
1-21-05  
Date

Customer No. 24106

\_\_\_\_\_  
John S. Egbert  
Reg. No. 30,627  
Andrew W. Chu  
Reg. No. 46,625  
Attorney for Applicant  
Harrison & Egbert  
412 Main Street, 7<sup>th</sup> Floor  
Houston, Texas 77002  
(713)224-8080  
(713)223-4873 fax

DT01 Rec'd PCT/PTC 20 JAN 2005

PATENT NO. <b>107521922</b> INTERNATIONAL APPLICATION NO. <b>PCT/FRO3/002358</b>		ATTORNEY'S DOCKET NUMBER <b>1811-60</b>	
<input checked="" type="checkbox"/> The following fees are submitted: See also Fee <b>ASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Transmittal for</b> <b>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO</b> <b>and International Search Report not prepared by the EPO or JPO..... \$1080.00</b> <b>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00</b> <b>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00</b> <b>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00</b> <b>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00</b> <b>ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 1000</b>		<b>CALCULATIONS PTO USE ONLY</b>          <div style="display: flex; justify-content: space-between;"> <span>\$ 1000</span> <span></span> </div>	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	9 - 20 =		x \$18.00
Independent claims	1 - 3 =		x \$86.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 1000</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$ 500	
SUBTOTAL Adjustment dates: 08/11/2005 WALVARAD 01/27/2005 ILLANOGR 00000082 10521922 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ -250.00 OP			
<b>TOTAL NATIONAL FEE =</b>		<b>\$ 500</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$	
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 500</b>	
		Amount to be refunded:	\$
		Refund Ref: charged:	\$
		08/11/2005 0030024367	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.			
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.			
Am Exp.: XXXXXXXXXXXX5005			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 080879. A duplicate copy of this sheet is enclosed.			
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b>			
SEND ALL CORRESPONDENCE TO: Customer No. 24106 Harrison & Egbert 412 Main St., 7th Floor Houston, Texas 77002 US		SIGNATURE  John S. Egbert NAME 30627 REGISTRATION NUMBER	

10/521922  
DT01 Rec'd PCT/PTC 20 JAN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL CERTIFICATE

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

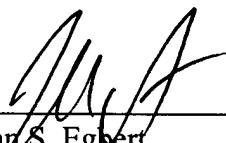
"Express Mail" Label Number: EV506293725US  
Date of Deposit: 1-20-05

I hereby certify that the attached document with the corresponding Express Mail label number is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is address to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Respectfully submitted,

Date

1-20-05

  
John S. Egbert  
Reg. No. 30,627  
Attorney for Applicant

Harrison & Egbert  
412 Main Street, 7<sup>th</sup> Floor  
Houston, Texas 77002  
(713)224-8080  
(713)223-4873 (Fax)

**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 500

Application Number

Filing Date

First Named Inventor

PAPIEROK, Gerard et al

Examiner Name

Art Unit

Attorney Docket No.

1811-60

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

08-0879

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1011 300	2011 150	Utility filing fee	
1012 200	2012 100	Design filing fee	
1013 200	2013 100	Plant filing fee	
1014 300	2014 150	Reissue filing fee	
1005 200	2005 100	Provisional filing fee	
SUBTOTAL (1) (\$ )			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ )

\*\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity / Small Entity

Fee Code	Fee (\$)	Fee Description	Fee Paid
1111/2111	500.00/250.00	Utility Search Fee	
1112/2112	100.00/50.00	Design Search Fee	
1113/2113	300.00/150.00	Plant Search Fee	
1114/2114	500.00/250.00	Reissue Search Fee	
1311/2311	200.00/100.00	Utility Examination Fee	
1312/2312	130.00/65.00	Design Examination Fee	
1313/2313	160.00/80.00	Plant Examination Fee	
1314/2314	600.00/300.00	Reissue Examination Fee	
1201/2201	200.00/100.00	Independent claims in excess of three	
1202/2202	50.00/25.00	Claims in excess of twenty	
1051/2051	130.00/65.00	Surcharge-Late filing fee oath/declaration	
1251/2251	120.00/60.00	Extension for response within first month	
1252/2252	450.00/225.00	Extension for response within second month	
1253/2253	1,020.00/510.00	Extension for response within third month	
1462	400.00	Petitions to the Director (Group I)	
1463	200.00	Petitions to the Director (Group II)	
1464	130.00	Petitions to the Director (Group III)	
1452/2452	500.00/250.00	Petition to revive unavoidably abandoned	
1453/2453	1,500.00/750.00	Petition to revive unintentionally abandoned	
1631/2631	300.00/150.00	Basic National Stage Fee	150
1632/2632	500.00/250.00	National Stage Search Fee	250
1633/2633	200.00/100.00	National Stage Examination Fee	100
1614/2614	200.00/100.00	Claims - extra independent (over three)	
1615/2615	50.00/25.00	Claims - extra total (over twenty)	
1616/2616	360.00/180.00	Claims - multiple dependent	
1617/2617	130.00/65.00	Oath/declaration after 30 mos from priority	
1618	130.00	English trans. after 30 mos from priority	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 500

## SUBMITTED BY

Name (Print/Type)

John S. Egbert

Registration No.

30627

(Complete if applicable)

Telephone

713224-8080

Signature

Date

1-21-05

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.